

For Research Use Only

# Biotin Anti-Human CD11a (TS2/4) Mouse IgG2a Recombinant Antibody

Catalog Number: Biotin-65563



## Basic Information

**Catalog Number:**

Biotin-65563

**Size:**

100ug, 500  $\mu$ g/ml

**Source:**

Mouse

**Isotype:**

IgG2a

**GenBank Accession Number:**

BC008777

**GeneID (NCBI):**

3683

**ENSEMBL Gene ID:**

ENSG00000005844

**UNIPROT ID:**

P20701

**Full Name:**

integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)

**Calculated MW:**

129 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

TS2/4

## Applications

**Tested Applications:**

FC

**Species Specificity:**

human

## Background Information

CD11a, also known as integrin  $\alpha$  L or LFA-1  $\alpha$ , is a 170-180 kDa transmembrane glycoprotein that forms a heterodimer with CD18 (PMID: 7027264; 1672643). CD11a/CD18 (LFA-1) is expressed by all leukocytes and mediates cell adhesion through interactions with its ligands, intercellular adhesion molecule 1 (ICAM-1), ICAM-2, and ICAM-3 (PMID: 7479767). CD11a/CD18 also functions in lymphocyte costimulatory signaling (PMID: 1972160).

## Storage

**Storage:**

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:

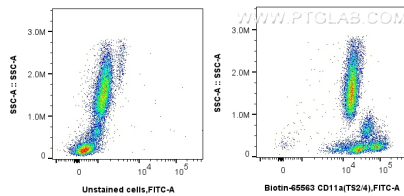
T: 4006900926

E: Proteintech-CN@ptglab.com

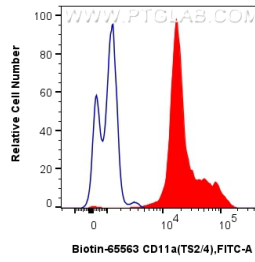
W: ptgcn.com

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## Selected Validation Data



$1 \times 10^6$  human peripheral blood leukocytes were unstained or surface stained with 0.25  $\mu$ g Biotin Anti-Human CD11a (TS2/4) Mouse IgG2a RecAb (Biotin-65563, Clone: TS2/4) and CoraLite®488-conjugated streptavidin. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



$1 \times 10^6$  human peripheral blood leukocytes were unstained (blue) or surface stained with 5  $\mu$ l Biotin Anti-Human CD11a (TS2/4) Mouse IgG2a RecAb (Biotin-65563, Clone: TS2/4) and CoraLite®488-conjugated streptavidin (red). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.